

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	43	(suction vacuum mounting) near2 (head nozzle) with (adapt?r coupl\$3 connector holder chuck) near3 (head nozzle) and (head nozzle) with (exchang\$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device) and filter	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/07 17:20
S1	151	johannes with van.in. and nozzle	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/02 14:16
S2	20	johannes with van.in. and nozzle and holder	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/02 14:17
S3	1	"5831504".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/02 14:31
S4	5	(suction vacuum) near2 nozzle and holder near3 nozzle same pick near2 place	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/02 14:34
S5	3	(suction vacuum) near2 nozzle and holder near3 nozzle same replac\$3 and pick near2 place	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/02 14:35
S6	3	(suction vacuum) near2 nozzle and (coupler holder) near3 nozzle same replac\$3 and pick near2 place	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/02 14:36

S7	108	"5988449" "6164959" "4317545" "4325356" "4334512" "4383572" "4434350" "5203049" "20060150404" "4417540" "4907744" "4295821" "4580967" "4821363" "3687222" "4058260" "4140892" "4146020" "4340163" "4405178" "4432004" "4455839" "4610388" "4841724" "4846716" "4895413" "4899418" "4957706" "4988267" "5005252" "5009637" "5015170" "5067419" "5196034" "5231744" "5341640" "5411065" "5460330" "5562253" "5598954" "5628464" "5670075" "5683039" "5686149" "5860223" "5883648" "5929877" "5956939" "5970572" "5980103" "6176749" "6383294" "6708590" "6712595" "6883829" "7172413" "7204688" "20020061343" "20020127067" "20020139874" "20040038167" "20040161720" "20050029179" "20050116068" "20050247181" "20060156973" "20060255066" "20070097173" "20070261634" "4290466" "4346846" "5275763" "5462199" "5950602" "5966146" "3638864" "3805329" "4092000" "4252260" "4254995" "4275825" "4280735" "4313596" "4324754" "4347980" "4355740" "4356362"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/02 14:38
----	-----	---	---------------------------------	----	----	---------------------

		"4356978" "4362051" "4367868" "4377378" "4395227" "4399018" "4404929" "4416612" "4428228" "4437610" "4467175" "4487836" "4498362").pn.				
S8	122	(suction vacuum mounting) near2 nozzle and (coupl\$3 connector holder) near3 nozzle and nozzle with (exchang\$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/02 14:46
S9	2881	(suction vacuum mounting) near2 nozzle and (coupl\$3 connector holder) near3 nozzle and (holder coupler connector) wiht magnet\$2 and nozzle with (exchang\$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/02 15:05
S10	218	S9 and "29"\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/02 15:38
S11	3	("5446323" "6211591").PN. OR ("6851914").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/02 16:02

S12	12	("2690529" "3675166" "3848216" "4470030" "5270625" "5285946" "5422554" "5434549" "5497135" "5546063" "5644279").PN. OR ("5831504").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/02 16:05
S13	3	(suction vacuum mounting) near2 nozzle same (adapter coupl\$3 connector holder) near3 nozzle and (holder coupler connector adapter) with magnet\$2 and nozzle with (exchang \$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device) and align\$4 with (groove ball)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/06 18:29
S14	3	(suction vacuum mounting) near2 nozzle same (adapt?r coupl\$3 connector holder chuck) near3 nozzle and (holder coupler connector adapt?r chuck) with (electromagnet magnet\$2) and nozzle with (exchang \$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device) and align\$4 with (groove ball)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/06 18:54

S15	6	(suction vacuum mounting) near2 nozzle same (adapter coupl\$3 connector holder chuck) near3 nozzle and nozzle with (id identification mark lable) and nozzle with (exchang\$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device) and align\$4 with (groove ball)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/06 18:59
S16	12	(suction vacuum mounting) near2 nozzle same (adapter coupl\$3 connector holder chuck) near3 nozzle and nozzle near5 (id identification indicat\$3 name) and nozzle with (exchang\$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device) and align\$4 with (groove ball)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/06 19:03
S17	1	(suction vacuum mounting) near2 nozzle same (adapter coupl\$3 connector holder chuck) near3 nozzle and nozzle near3 (id identity identify\$3 identification name) and nozzle with (exchang\$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device) and align\$4 with (groove ball)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/06 19:10

S19	3	(suction vacuum mounting) near2 nozzle with (detach\$4 insert\$4) with (adapt?r coupl\$3 connector holder chuck) near3 nozzle and nozzle with (exchang\$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device) and align\$4 with (groove ball)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/07 11:24
S20	16	(suction vacuum mounting) near2 nozzle with (adapt?r coupl\$3 connector holder chuck) near3 nozzle and nozzle with (exchang\$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device) and align\$4 with (groove ball)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/07 11:25
S21	91	(suction vacuum mounting) near2 nozzle with (adapt?r coupl\$3 connector holder chuck) near3 nozzle and nozzle with (exchang\$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/07 11:27
S22	11	("4790069" "5003692" "5018266" "5105528" "5331831" "5619328" "5741114" "5749142").PN. OR ("5996203").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/07 11:35

S23	4	("5207467" "5636435" "5833591" "5996203").PN. OR ("6735856").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/07 11:36
S24	105	(suction vacuum mounting) near2 (head nozzle) with (adapt?r coupl\$3 connector holder chuck) near3 (head nozzle) and (head nozzle) with (exchang \$3 replac\$3) and ((pick near2 place) mounting) near3 (machine apparatus device) not S21	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/05/07 11:40

5/ 7/ 08 6:21:25 PM

C:\Documents and Settings\dnguyen21\My Documents\EAST\Workspaces
\ 10563575 MC Nozzle.w.sp